

ERD

ENVIRONMENTAL RESEARCH & DESIGN, INC.

WATER QUALITY ENGINEERING
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February 3, 2005

Mr. Thomas Ballentine, P.E.
Leon County Division of Environmental Compliance
Department of Community Development
3401 West Tharpe Street
Tallahassee, FL 32303

RE: Contract Extension for the Lake Lafayette Watershed Study

Dear Tom:

Environmental Research & Design, Inc. (ERD) respectfully requests a time extension for completion of work efforts on the Lake Lafayette Watershed Study from October 31, 2004 to August 31, 2005 at no additional cost to Leon County. This time extension is necessary for completion of the Phase II-B services which include development of hydrologic and nutrient budgets for Lake Lafayette, development of a pollutant loading spreadsheet model, preparation of two separate reports, evaluation of practical watershed management alternatives, evaluation of future hydrologic and loading conditions, development of final watershed management alternatives, and various meetings with County staff and affected stakeholders. A proposed project schedule for completion of the remaining Phase II-B tasks is attached. This schedule provides for completion of all work efforts by July 31, 2005 which assumes a review period of two weeks or less by County staff for the two required project reports. An additional 30-day period (until August 31, 2005) is included as a contingency.

ERD feels that the proposed time extension is warranted due to several reasons. First, the 12-month field monitoring program was initiated one month later than indicated on the project schedule, with a July 1, 2003 start date rather than the proposed June 1, 2003 start date, due to delays in obtaining the prefabricated equipment shelters used at each of the four monitoring sites. After beginning the 12-month monitoring program on July 1, 2003, the monitoring efforts should have been completed on June 30, 2004. However, ERD extended the field monitoring program an additional two months through July 2004 (at no cost to Leon County) in an attempt to collect the required number of storm event samples within each of the rainfall event ranges outlined in the scope of work. Although the contract specified collection of 72 separate baseflow and stormwater samples, ERD collected more than 175 stormwater and baseflow samples during the monitoring program in an attempt to better characterize inputs of baseflow and stormwater to Lake Lafayette over a wide range of conditions. These additional samples were analyzed by ERD at no cost to Leon County.

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A second source of delay in the project schedule has been difficulty in obtaining data from our laboratory subcontractor. The initial data set provided by the subcontractor in February 2004 contained QA questions and issues, some of which are still being resolved today. Only approximately half of the laboratory data which was to be collected during this project has been provided by the subcontractor at this time. These data related issues delayed implementation of the supplemental tributary monitoring which should have been performed simultaneously with the 12-month field monitoring program. After review of this data, additional tributary monitoring was initiated in the Tom Brown Park watershed, which will be completed at the end of March 2005.

At this time, virtually all requested Phase II-A tasks have now been completed, with the Phase II-B scope of services remaining which involves pollutant modeling, a analysis of existing conditions, and development of management recommendations. These services can be completed by ERD within the original 5-month time frame proposed in the existing contract. Assuming a start date of February 1, 2005 for Phase II-B services, we estimate that this phase can be completed by July 31, 2005 with an additional 30-day contingency period.

Thank you for your consideration of this request. If you need any additional information, please feel free to contact me directly.

Sincerely,

Harvey H. Harper, III

Harvey H. Harper, Ph.D., P.E.
President

HHH:shd
Enclosure: Schedule

Job No. 01-016